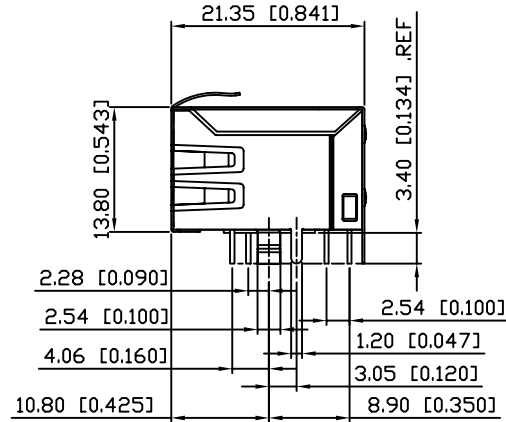
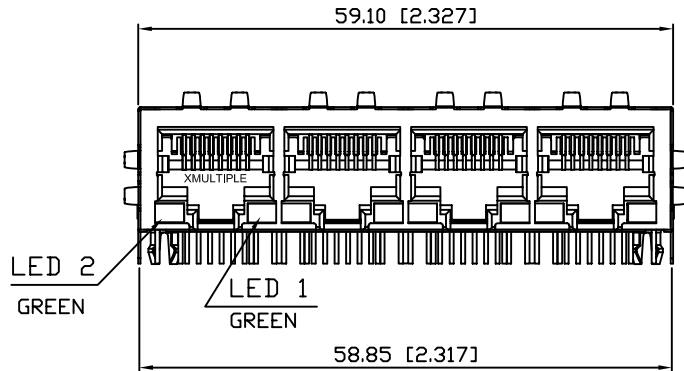
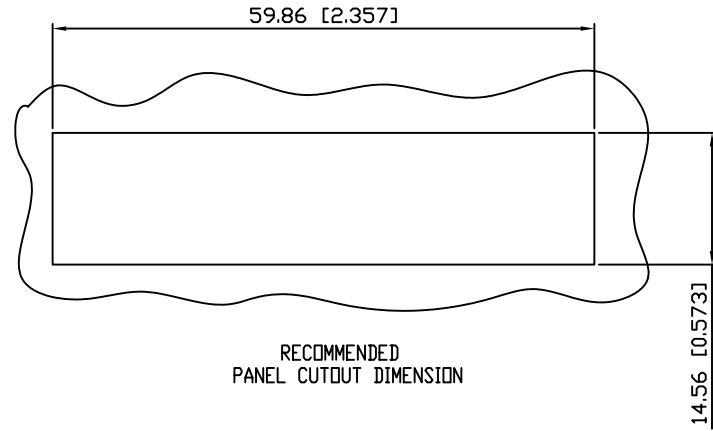
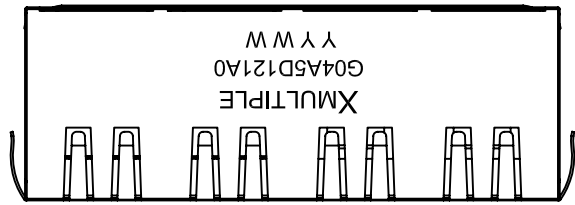


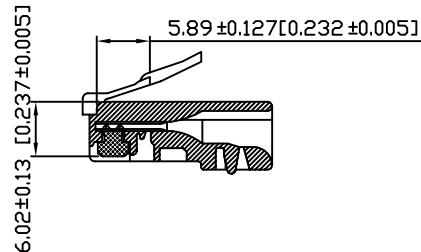
1. MECHANICAL DIMENSIONS :



NOTES:

- MATERIALS:
HOUSING-NYLON POLYESTER UL94V-0
MIXED GLASS FIBER.
STANDARD COLOR-BLACK.
CONTACTS-0.35mm THICK PHOS-BRONZE PLATED
WITH 30u' GOLD AND TIN
IN SOLDER AREA.
SHIELD-0.25mm THICK COPPER ALLOY,
PLATED WITH NICKEL.
- CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.
- UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
.X ±0.30[0.012]

RECOMMENED PLUG DIMENSION:

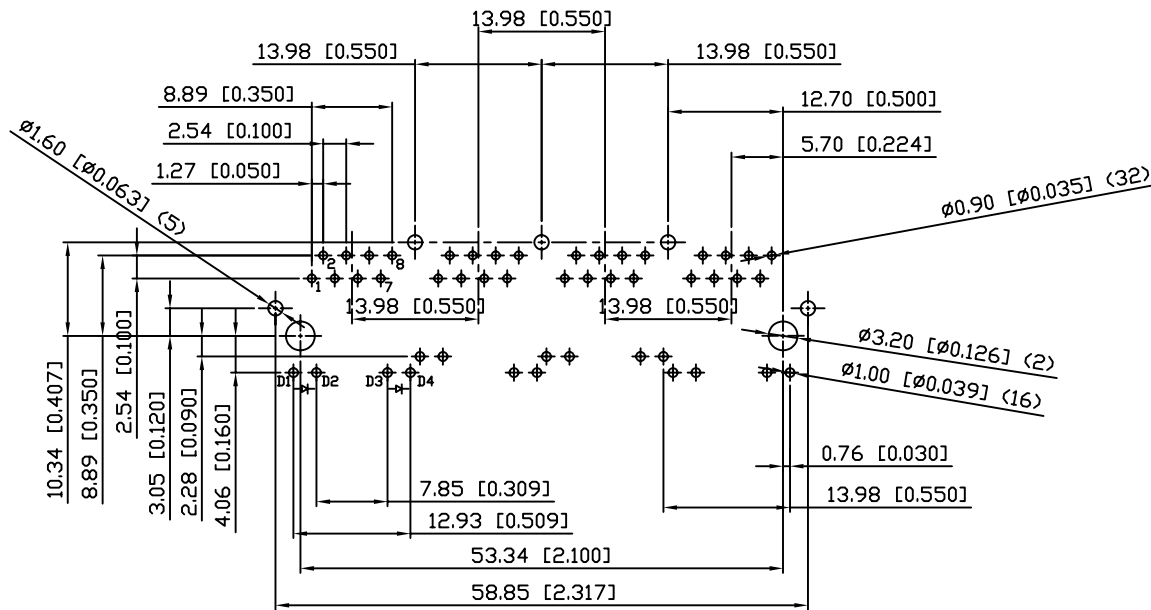


RoHS Compliant

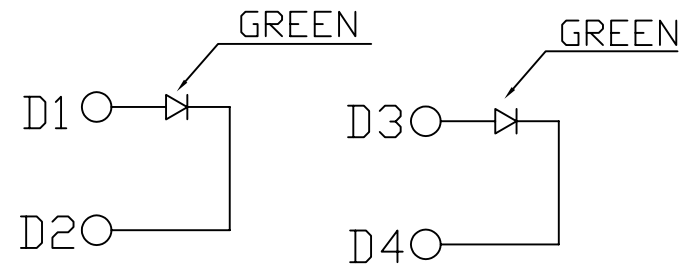
		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.			
TITLE: RJ45, SHIELDED, WITH LED, WITH TRANSFORMER SIDE ENTRY PCB JACK		DWG NO: XRJG-04A-5-D12-1A0	
PART NO: XRJG-04A-5-D12-1A0		DRAWN: RUNES	
		CHKD: JEFF	
UNIT: mm[inch]		SHEET: 1 of 3	
DATE: Apr.18.06		REV: 01	

2. PCB LAYOUT :

3. LED CONFIGURATION :



SUGGESTED PCB LAYOUT
TOP VIEW

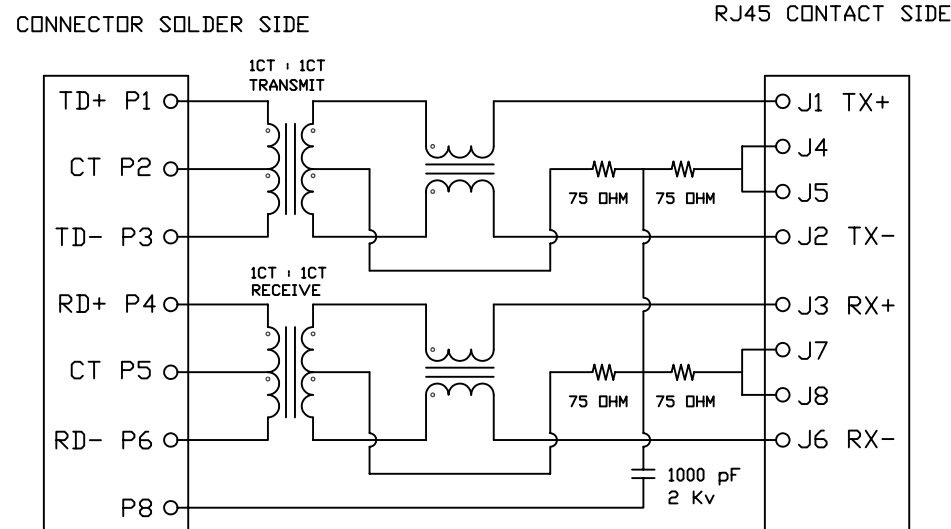


Color	Lens Color	Vf(v) @20mA		Iv(mcd) @10mA		Viewing angle 2θ 1/2
		Min	Max	Min	Typ	
Green	Green Diffused	1.7	2.8	3.5	6.0	116

RoHS Compliant

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THIS DRAWING IS A CONTROLLED DOCUMENT.			
TITLE: RJ45, SHIELDED, WITH LED, WITH TRANSFORMER SIDE ENTRY PCB JACK		G/NO: DWG NO: XRJG-04A-5-D12-1A0	
PART NO: XRJG-04A-5-D12-1A0		DRAWN: RUNES	
		CHKD: JEFF	
UNIT: mm[inch]		SHEET: 2 of 3	
DATE: Apr.18.06		REV: 01	

4. SCHEMATIC:



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:($25 \pm 5^\circ\text{C}$)

1.TR:(100KHz,0.1V);

PINS:(P1-P3):(J1-J2)= $1:1 \pm 3\%$

PINS:(P4-P6):(J3-J6)= $1:1 \pm 3\%$

2.LX:(100KHz,100mV,8mA, DC Bias)

PINS: (P1,P3),(P4,P6)=350uH MINIMUM

3.DCR:

PINS:(P1-P3),(J1-J2),(J3-J6)= 1.0 OHMS MAXIMUM

PINS:(P4-P6)=1.2 OHMS MAXIMUM

4.HIPOT:

PINS(P1,P2,P3)TO(J1,J2)=1500VAC FOR 60 SECONDS

PINS(P4,P5,P6)TO(J3,J6)=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.0dB MAXIMUM AT 0.3MHz TO 100MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-15dB MINIMUM AT 30MHz TO 60MHz

-10dB MINIMUM AT 60MHz TO 80MHz

7.CROSS TALK:

-30dB MINIMUM AT 1MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

XRJG-04A-5-D12-1A0

PRODUCT SERIES
G : TAB DOWN WITH LED

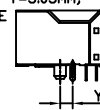
NUMBER OF PORTS
MECHANICAL TYPE
04A : 4 PORT FOR XRJF OR XRJG

LED COLOR OPTION

PROTOCOL TYPE
D : 10/100 Mbps, 4 CORE

SPECIAL CODE
0 : STANDARD

SHIELDED TYPE
A : 4 PORT W/3 TABS, Y=3.05mm,
EMI FINGER ON SIDE



LED POLARITY
1 : +-, +-

CIRCUIT TYPE

RoHS Compliant

X MULTIPLE		CONNECTING THE INFORMATION AGE	
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PART NO: XRJG-04A-5-D12-1A0		DRAWN: RUNES	
		CHKD: JEFF	
		UNIT	SHEET
		mm[inch]	3 of 3
		REV	DATE
		01	Apr.18.06